

EXHIBIT 11

Merriam-Webster's Collegiate[®] Dictionary

ELEVENTH
EDITION



Merriam-Webster, Incorporated
Springfield, Massachusetts, U.S.A.



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Library of Congress Cataloging in Publication Data

Merriam-Webster's collegiate dictionary. — Eleventh ed.
p. cm.

Includes index.

ISBN 0-87779-807-9 (Laminated unindexed : alk. paper). — ISBN 0-87779-808-7 (Jacketed hardcover unindexed : alk. paper). — ISBN 0-87779-809-5 (Jacketed hardcover with CD-ROM : alk. paper). — ISBN 0-87779-810-9 (Leatherlook with CD-ROM : alk. paper). — 0-87779-813-3 (Canadian). — 0-87779-814-1 (international).

1. English language—Dictionaries. I. Title: Collegiate dictionary. II. Merriam-Webster, Inc.

PE1628.M36 2003
423—dc21

2003003674
CIP

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Made in the United States of America

3456TT:QWV04

1296 theological virtue • thermal

theological virtue *n* (1526) : one of the three spiritual graces faith, hope, and charity drawing the soul to God according to scholastic theology

the-o-lo-gize *Brit var of THEOLOGIZE*

the-o-lo-gize (thē-lō-jīz) *vb* -gized; -giz-ing *vi* (1649) : to make theological : give a religious significance to ~ *vi* : to theorize theologically — **the-o-lo-giz-er** *n*

theo-logue *also theo-log* (thē-lō-jōg, -lāj) *n* [L *theologus* theologian, fr. Gk *theologos*, fr. *theos* + *logos* to speak — more at **LEGEND**] (150) : a theological student or specialist

the-o-logy (thē-lō-jī) *n* **pl** -gies [ME *theologie*, fr. AF, fr. L *theologia*, fr. Gk, fr. *theos* + *logia* -logy] (14c) 1 : the study of religious faith, practice, and experience; esp : the study of God and of God's relation to the world 2 a : a theological theory or system (Thomist) (a ~ of atonement) b : a distinctive body of theological opinion (Catholic ~) 3 : a usu. 4-year course of specialized religious training in a Roman Catholic major seminary

the-on-o-mous (thē-lō-nō-mōs) *adj* [the- + *nomous* (as in *autonomous*)] (1947) : governed by God : subject to God's authority

the-on-o-my (-mē) *n* [G *Theonomie*, fr. *theo-* (fr. L) + *nomie* -nom] (1890) : the state of being theonomous : government by God

the-o-ph-a-ny (thē-lō-fā-nē) *n* **pl** -nies [ML *theophania*, fr. LGk *theophaneia*, fr. Gk *theos* + *phaneia* (as in *epiphany* appearance) — more at **EPIPHANY**] (ca. 1633) : a visible manifestation of a deity — **the-o-ph-a-ny** (thē-lō-fā-nīk) *adj*

the-o-ph-y-l-line (thē-lō-fī-lōn) *n* [ISV *theo-* (fr. NL *thea* tea) + *phyll-* + *-line*] (ca. 1894) : a feebly basic bitter crystalline compound C₇H₅N₂O₂ present in tea leaves that is isomeric with theobromine and is used in medicine esp. as a bronchodilator

the-or-bo (thē-lō-rō-jō) *n* **pl** -bos [modif. of It *torba*, *teorba*] (1605) : a stringed instrument of the 17th century resembling a large lute but having an extra set of long bass strings

the-o-rem (thē-lō-rēm, 'thir-əm) *n* [LL *theoremā*, fr. Gk *theōrema*, fr. *theōrein* to look at, fr. *theōros* spectator, fr. *thea* act of seeing — more at **THEATER**] (1551) 1 : a formula, proposition, or statement in mathematics or logic deduced or to be deduced from other formulas or propositions 2 : an idea accepted or proposed as a demonstrable truth often as a part of a general theory : PROPOSITION (the ~ that the best defense is offense) 3 : STENCIL 4 : a painting produced esp. on velvet by the use of stencils for each color — **the-o-rem-at-ic** (thē-lō-rā-mā-tik, 'thir-ā-) *adj*

the-o-ret-i-cal (thē-lō-rē-tī-kəl, 'thir-ē-) *also the-o-ret-ic* (-tik) *adj* [LL *theoreticus*, fr. Gk *theōrētikos*, fr. *theōrein* to look at] (1601) 1 a : relating to or having the character of theory : ABSTRACT b : confined to theory or speculation often in contrast to practical applications : SPECULATIVE (~ physics) 2 : given to or skilled in theorizing (a brilliant ~ physicist) 3 : existing only in theory : HYPOTHETICAL (gave as an example a ~ situation)

the-o-ret-i-cal-ly (-lī-k(ə)-lē) *adv* (1701) 1 : in a theoretical way 2 : according to an ideal or assumed set of facts or principles : in theory **the-o-ret-i-cian** (thē-lō-rā-tī-shən, -rē-, 'thir-ā-) *n* (1886) : THEORIST

the-o-rise *Brit var of THEORIZE*

the-o-rist (thē-lō-rīst, 'thir-īst) *n* (1646) : a person who theorizes **the-o-rize** (thē-lō-rīz, 'thir-īz) *vb* -rized; -riz-ing *vi* (1638) : to form a theory : SPECULATE ~ *vi* 1 : to form a theory about 2 : to propose as a theory — **the-o-riz-a-tion** (thē-lō-rā-zā-shən, 'thir-ā-) *n* — **the-o-riz-er** *n*

the-o-ry (thē-lō-rē, 'thir-ē) *n* **pl** -ries [LL *theoria*, fr. Gk *theōria*, fr. *theōrein*] (1592) 1 : the analysis of a set of facts in their relation to one another 2 : abstract thought : SPECULATION 3 : the general or abstract principles of a body of fact, a science, or an art (music) 4 a : a belief, policy, or procedure proposed or followed as the basis of action (her method is based on the ~ that all children want to learn) b : an ideal or hypothetical set of facts, principles, or circumstances — often used in the phrase *in theory* (in ~, we have always advocated freedom for all) 5 : a plausible or scientifically acceptable general principle or body of principles offered to explain phenomena (the wave ~ of light) 6 a : a hypothesis assumed for the sake of argument or investigation b : an unproved assumption : CONJECTURE c : a body of theorems presenting a concise systematic view of a subject (~ of equations) *syn* *see* HYPOTHESIS

theory of games (1944) : GAME THEORY

theory of numbers (1811) : NUMBER THEORY

the-o-s-o-phist (thē-lō-sō-fīst) *n* (1656) 1 : an adherent of theosophy 2 *cap* : a member of a theosophical society

the-o-s-o-phy (-fē) *n* [ML *theosophia*, fr. LGk, fr. Gk *theos* + *sophia* wisdom — more at **SOPHY**] (1650) 1 : teaching about God and the world based on mystical insight 2 *often cap* : the teachings of a modern movement originating in the U.S. in 1875 and following chiefly Buddhist and Brahmanic theories esp. of pantheistic evolution and reincarnation — **theo-soph-i-cal** (thē-lō-sā-fī-kəl) *adj* — **theo-soph-i-cal-ly** (-lē) *adv*

Theo-to-kos (thē-lō-tō-jōkōs, 'thā-, -kōs) *n* [LGk, fr. Gk *theos* + *tokos* childbirth; akin to Gk *tokos* to beget — more at **THANE**] (1868) : VIRGIN MARY

ther-a-peu-sis (thēr-ā-pyū-sēs) *n* [NL, fr. Gk, treatment, fr. *therapeuein*] (ca. 1857) : THERAPEUTICS

ther-a-peu-tic (thēr-ā-pyū-tīk) *adj* [Gk *therapeutikos*, fr. *therapeuein* to attend, treat, fr. *theraps* attendant] (1646) 1 : of or relating to the treatment of disease or disorders by remedial agents or methods (a ~ rather than a diagnostic specialty) 2 : providing or assisting in a cure : CURATIVE, MEDICINAL (~ diets) (a ~ investigation of government waste) — **therapeutic** *n* — **ther-a-peu-ti-cal-ly** (-lē) *adv*

therapeutic index *n* (1926) : a measure of the relative desirability of a drug for the attaining of a particular medical end that is usu. expressed as the ratio of the largest dose producing no toxic symptoms to the smallest dose routinely producing cures

ther-a-peu-tics (thēr-ā-pyū-tīks) *n* **pl** but *sing* or *pl* in constr (1671) : a branch of medical science dealing with the application of remedies to diseases

therapeutic touch *n* (1977) : a technique in alternative medicine that involves passing the hands over the body of the person being treated and that is held to induce relaxation, reduce pain, and promote healing

ther-a-pist (thēr-ā-pīst) *n* (1886) : one specializing in therapy; healing person trained in methods of treatment and rehabilitation other than the use of drugs or surgery (a speech ~)

ther-ap-sid (thē-rāp-sād) *n* [NL *Therapsida*, fr. *ther-* mammal (fr. Gk *ther* wild animal) + *apsid-*, *apsis* arch, vault — more at **PIERCE**, **APSID**] (1912) : any of an order (Therapsida) of Permian and Triassic synapsid reptiles considered ancestors of the mammals — **therapsid** *adj*

ther-a-py (thēr-ā-pē) *n* **pl** -pies [NL *therapia*, fr. Gk *therapeia*, fr. *therapeuein*] (ca. 1846) : therapeutic treatment esp. of bodily, mental, or behavioral disorder

Ther-a-va-da (thēr-ā-vā-dā) *n* [Pali *theravāda*, lit. doctrine of the elders] (1882) : a conservative branch of Buddhism comprising sects chiefly in Sri Lanka, Myanmar, Thailand, Laos, and Cambodia and adhering to the original Pali scriptures alone and to the nontheistic ideal of nirvana for a limited sect number — compare **MAHAYANA**

there (thēr) *adv* [ME, fr. OE *thær*; akin to OHG *dār* there, OE *thar* that] (bef. 12c) 1 : in or at that place (stand over ~) — often used interjectionally 2 : to or into that place : THITHER (went ~ after church) 3 : at that point or stage (stop right ~ before you say something you'll regret) 4 : in that matter, respect, or relation (~ is where I disagree with you) 5 — used interjectionally to express satisfaction, approval, encouragement or sympathy, or defiance (~, it's finished)

there (thēr, 'I also thēr) *pron* (bef. 12c) 1 — used as a function word to introduce a sentence or clause (~ shall come a time) 2 — used as an indefinite substitute for a name (hi ~)

there (same as 'I) *n* (1588) 1 : that place or position (there is no here and no ~ in pure space — James Ward) 2 : that point (you take it from ~)

there (same as 'I) *adj* (1590) 1 — used for emphasis esp. after a demonstrative pronoun or a noun modified by a demonstrative adjective (those men ~ can tell you) 2 *nonstand* — used for emphasis after a demonstrative adjective but before the noun modified (I bet I cussed that ~ blamed mule five hundred times — Elizabeth M. Roberts) 3 : capable of being relied on for support or aid (she is always ~ for him) 4 : fully conscious, rational, or aware (not all ~)

there-abouts (thēr-ā-bauts, 'thir-ā-) *also there-about* (-baut, -baut) *adv* (bef. 12c) 1 : near that place or time 2 : near that number, degree, or quantity (a boy of 18 or ~)

there-after (thēr-ā-fər) *adv* (bef. 12c) 1 : after that 2 *archaic* : according to that : ACCORDINGLY

there-at (-at) *adv* (bef. 12c) 1 : at that place 2 : at that occurrence

there-by (thēr-bī, 'thir-ē-) *adv* (bef. 12c) 1 : by that : by that means (~ lost her chance to win) 2 : connected with or with reference to that (~ hangs a tale — Shak.)

there-d (thēr-d, 'thir-əd) (1691) : there had : there would

there-for (thēr-fər) *adv* (12c) : for or in return for that (ordered a change and gave his reasons ~)

there-fore (thēr-fər) *adv* (14c) 1 a : for that reason : CONSEQUENTLY b : because of that c : on that ground 2 : to that end

there-from (thēr-frəm, 'frām) *adv* (13c) : from that or it

there-in (thēr-in) *adv* (bef. 12c) 1 : in or into that place, time, or thing 2 : in that particular or respect (~ lies the problem)

there-in-after (thēr-in-af-ər) *adv* (1818) : in the following part of that matter (as writing, document, or speech)

there-in-to (thēr-in-tō) *adv* (14c) *archaic* : into that or it

there'll (thēr-əl) (1616) : there will : there shall

there-min (thēr-mən) *n* [modif. of Russ *termen-voks* fr. Lev Sergeyev *Termen* (Léon Théremin) 1993 Russ. engineer & inventor + L *vox* voice] (1927) : a purely melodic electronic musical instrument typically played by moving the hands in the electromagnetic fields surrounding two projecting antennae

there-of (thēr-əv, 'āv) *adv* (bef. 12c) 1 : of that or it 2 : from that cause or particular : THEREFROM

there-on (-on, 'ān) *adv* (bef. 12c) 1 : on that (a text with a commentary ~) 2 *archaic* : THEREUPON

there's (thēr, 'thor) (1580) : there is : there has

there-to (thēr-tō) *adv* (bef. 12c) : to that (a text and the notes ~)

there-to-fore (thēr-tō-fər, 'thir-tā-) *adv* (14c) : up to that time (a ~ unknown author)

there-un-der (thēr-ən-dər) *adv* (bef. 12c) : under that

there-un-to (-n-tō) *adv* (14c) *archaic* : THERETO

there-up-on (thēr-ə-pōn, 'pān; 'thir-ā-) *adv* (13c) 1 : on that matter 2 : THEREFORE 3 : immediately after that

there-ve (thēr-vē, 'thir-vē) (1846) : there have

there-with (thēr-wīth, 'wīth) *adv* (bef. 12c) 1 : with that 2 *archaic* : THEREWITH

there-with-al (thēr-wī-thəl, 'thōl) *adv* (14c) 1 *archaic* : BESIDES 2 : THEREWITH

ther-i-ac (thēr-ē-āk) *n* [NL *theriaca*] (1568) 1 : THERIACA 2 : CURE

ther-i-a-cal (thēr-ē-kəl) *n* [NL, fr. L, antidote against poison — more at **TREACLE**] (1562) : a mixture of many drugs and honey formerly held to be an antidote to poison — **ther-i-a-cal** (-kəl) *adj*

ther-i-an (thēr-ē-ən) *n* [NL *Theria*, fr. Gk *theria*, pl. of *therion* wild animal — more at **TREACLE**] (1662) : any of a subclass (Theria) of mammals comprising the marsupials and the placental mammals — **ther-i-an** *adj*

ther-i-o-mor-phic (thēr-ē-ō-mōr-fīk) *adj* [Gk *theriomorphos*, fr. *therion* wild animal + *morphē* form — more at **TREACLE**] (1882) : having an animal form (~ gods)

therm (thērm) *n* [Gk *thermē* heat, fr. *thermos* hot; akin to L *formis* warm, Skt *gharma* heat] (1888) : a unit for quantity of heat that equals 100,000 British thermal units

therm or **thermo** *comb form* [Gk, fr. *thermē*] 1 : heat (thermostat)

2 : thermoelectric (thermopile)

therm *comb form* [Gk *thermē* heat] : animal having a (specified) body temperature (ectotherm)

ther-mal (thēr-māl) *adj* [Gk *thermē*] (1756) 1 [L *thermae* public baths; fr. Gk *therma*, pl. of *thermē*] : of, relating to, or marked by the presence of hot springs (~ waters) 2 a : of, relating to, or caused by heat (~ stress) (~ insulation) b : being or involving a state of matter de-

pendent upon temperature

lar structure c : havi

thermal agitation (~ n

spaces) to prevent the

ther-mal-ly (-mā-lē) *adv*

thermal *n* (1933) : a risin

ther-mal-ize (thēr-mā-lī

fective speed (a partici

mal-iz-a-tion (thēr-mā-

mal-lution *n* (19c

thermal pollution *n* (19c

water from a factory) int

the environment

thermal printer *n* (1966)

which heat is applied to

heat-sensitive paper

ther-mic (thēr-mīk) *adj* (

cal-ly (-mī-k(ə)-lē) *adv*

ther-mion-ic (thēr-'mī-

incandescent source, fr. *tl*

the emission of charge

material

ther-mion-ics (thēr-'mī-

ics dealing with thermioni

ther-mis-tor (thēr-'mīs-tō

resistor making use of a se

in a known manner with t

ther-mit (thēr-'mīt) *n*, *mit*

ther-mite (thēr-'mīt) *n* *th*

powder and a metal oxide

great deal of heat and is us

ther-mo-chem-is-try (thēr-

chemistry that deals with t

tion or physical change of

ther-mo-chem-ist (thēr-

ther-mo-cline (thēr-mō-'k

stratified body of water w

gold deep water and in whic

ther-mo-cou-ple (thēr-mō-

temperature in which a pa

and iron) are joined and the

instrument (as a voltmeter

created at the junction of t

ther-mo-du-ric (thēr-mō-'d

— more at **DURING**] (1927)

able to survive pasteurizat

ther-mo-dy-nam-ic (thēr-n

cal (-mī-kəl) *adj* (1849)

being or relating to a syste

or larger bodies considered :

dynamic processes — **ther-**

ther-mo-dy-nam-ics (-mīks

physics that deals with the

thermodynamic processes

cl (-nā-mā-sīst) *n*

ther-mo-elec-tric (thēr-mō-

dependent on phenomena th

ture and the electrical condit

ther-mo-elec-tri-ty (thēr-

electricity produced by the

heating of a circuit compos

ther-mo-el-e-ment (-ē-lē-mā-

small currents consisting of a

in electrical contact with it

ther-mo-form (thēr-mō-'fōrm

plastic) with the aid of heat a

-for-mā-bil *adj*

ther-mo-jen (thēr-mā-'jē-

inducing the production of h

tion of bacteria; *also* : produ

ther-mo-gen-e-sis (thēr-mō-

of heat esp. in the body (as b

ther-mo-gram (thēr-mō-'grām

graph 2 : a photographic rec

ther-mo-graph (thēr-mō-'grāf

recording thermometer 3 : tl

ther-mog-ra-phy (thēr-'mā-

or printing involving the use c

which matter printed by lette

to make the lettering rise 2 :

variations in the heat emitted b

forming them into visible sig

ly (as for diagnosing abnormal

a similar technique used elsew

ther-gra-fy *n* — **ther-mo-**

mo-graph-i-cal-ly (-fī-k(ə)-lē)

ther-mo-ha-line (thēr-mō-'hā

salt — more at **SALT**] (1942) :

effect of temperature and salin